Image & Video Processing

Assignment 1

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Contents

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1   Point Operations [20 points]

1.1   Tone mapping & Linearization [2 points]

1.2   Color correction [4 points]

1.3   Histograms [1 point]

1.4   Histogram Equalization [5 points + 2 Bonus]

1.5   Manual histogram equalization [2 points]

1.6   Thresholding & matting [4 points]

1.7   How many bits is enough [2 points]

2   Bonus: use your own pictures [3 points]